

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for monitoring the operation of an electronic network, said network comprising a first electronic device and a second electronic device, said method comprising:

~~performing a first measurement of a parameter of said network on~~ determining the utilization of a first data path between said first electronic device and said second electronic device;

determining the utilization of a second data path between said first electronic device and said second electronic device;

~~performing a second measurement of said parameter of said network on said first data path between said first electronic device and said second electronic device;~~

comparing said utilization of said first data path and said second data path over a period of time; first measurement to said second measurement; and

providing an indication if said utilization of said first data path increases a preselected amount and said utilization of said second data path decreases a preselected amount during said period of time. ~~in response to the comparison of said first measurement to said second measurement.~~

Claim 2 (cancelled)

Claim 3 (currently amended): The method of claim 1, wherein said ~~performing a first measurement and performing a second measurement comprises~~ determining the utilization of said first data path and determining the utilization of said second data path comprises performing a plurality of measurements, ~~and wherein~~

~~providing an indication comprises providing an indication if a preselected number of said measurements exceed a preselected value.~~

Claims 4-6 (cancelled)

Claim 7 (currently amended): The method of claim 1, wherein said ~~determining the utilization of said data paths performing at a first measurement and performing a second measurement~~ comprises performing a plurality of measurements of a parameter of said network on ~~[[a]]~~ said first data path ~~between said first electronic device and said second electronic device~~; and wherein said providing an indication comprises providing an indication if the value of at least one of said plurality of measurements exceeds the value of the average of previous measurements by a preselected amount.

Claim 8 (currently amended): The method of claim 7, wherein the values of said plurality of measurements that exceed said value of the average of previous measurements plus ~~[[said]]~~ a preselected value are not used to calculate subsequent average values.

Claim 9 (currently amended): The method of claim ~~Z~~ [[1]], wherein ~~said performing a first measurement and performing a second measurement comprises performing a plurality of measurements of a parameter of said network on a first data path between said first electronic device and said second electronic device, and~~ wherein said providing an indication comprises providing an indication if the value of one of said plurality of measurements exceeds the mean of previous measurements of said parameter plus three times the square of said mean of previous measurements.

Claims 10-12 (cancelled)

Claim 13 (currently amended): A monitoring device for monitoring an electronic network, said electronic network comprising a first electronic device and a second electronic device, said monitoring device comprising:

a computer operatively connected to said network; and

a computer-readable medium operatively associated with said computer, said computer-readable medium containing instructions for controlling said computer and said monitoring device by:

determining a plurality of data paths between said first electronic device and said second electronic device;

performing at least two measurements of a parameter of said network on said data paths ~~a first data path between said first electronic device and said second electronic device~~, said at least two measurements yielding the utilizations of said plurality of data paths; and

providing an indication in if the utilization of a first of said data paths increases greater than a preselected amount and the utilization of a second of said data paths decreases less than a preselected amount. ~~response to a comparison of said at least two measurements of said parameter.~~

Claims 14-16 (cancelled)

Claim 17 (original): The method of claim 13, wherein said parameter is response time.

Claim 18 (cancelled)

Claim 19 (currently amended): The method of claim 13, ~~wherein said performing at least two measurements of a parameter comprises performing a plurality of measurements of a parameter of said network on a first data path between said first electronic device and said second electronic device;~~ and wherein said providing an indication comprises providing an indication if the value of at least one of said plurality

of measurements exceeds the value of the average of previous measurements by a preselected amount.

Claim 20 (original): The method of claim 19, wherein the values of said plurality of measurements that exceed said value of the average of previous measurements plus said preselected value are not used to calculate subsequent average values.

Claim 21 (currently amended): The method of claim 13, wherein ~~said performing a measurement comprises performing a plurality of measurements of a parameter of said network on a first data path between said first electronic device and said second electronic device, and wherein~~ said providing an indication comprises providing an indication if the value of one of said plurality of measurements exceeds the mean of previous measurements of said parameter plus three times the square of said mean of previous measurements.

Claims 22-23 (cancelled)

Claim 24 (original): The method of claim 13, wherein said performing at least two measurements comprises providing a plurality of measurements of a parameter of said network on a first data path between said first electronic device and said second electronic device, and wherein said providing an indication comprises providing an indication if the values of said plurality of measurements exceed a preselected value for a preselected period.

Claim 25-26 (cancelled)